Figure 1

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Method and Apparatus for Dynamically
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104

100

108

102

110

106

| Processor 202 | Host/ PCI Cache/ Bridge 208 | Main Memory 204 | Audio Adapter 216 |

Bus 206

| SCSI Host Bus Adapter 212 | LAN Adapter 210 | Expansion Bus Interface 214 | Graphics Adapter 218 | Audio/Video Adapter 219 |

Disk 226

Tape 228

CD-ROM 230

232

200
Client

Keyboard and Mouse Adapter 220

Modem 222

Memory 224

Figure 2

Figure 3

```
┌──────────────┐       ┌──────────────┐       ┌──────────────┐
│   Classes    │──────▶│ Menu process │──────▶│     GUI      │
│     300      │       │     304      │       │     302      │
└──────────────┘       └──────────────┘       └──────────────┘
```

Figure 4

400

View Directory - Directories - Tivoli Console   _ | □ | ×|

Console   Edit   View   Selected   Window   Help

View Directory - Directories

Folders	Contents of Folder "Local ORB"

404 — Directories
406 — Local ORB
      LogMgr
410 — /
408

402

Name
LogMgr
ORB
AccessManager
VersionObject

416

424

412

Total: 4 Displayed: 4

Copy   Ctrl-C   418
Create Subdirectory
Cut   420   Ctrl-X
Remove   422
Rename
Select All   426   414
Select None 428
View Directory

430

◆ View Directory - Directories
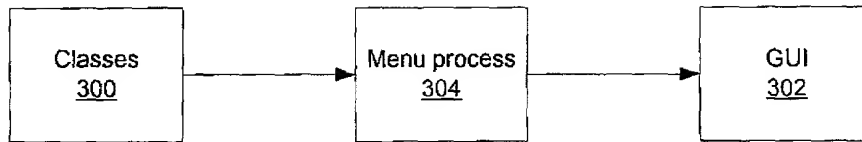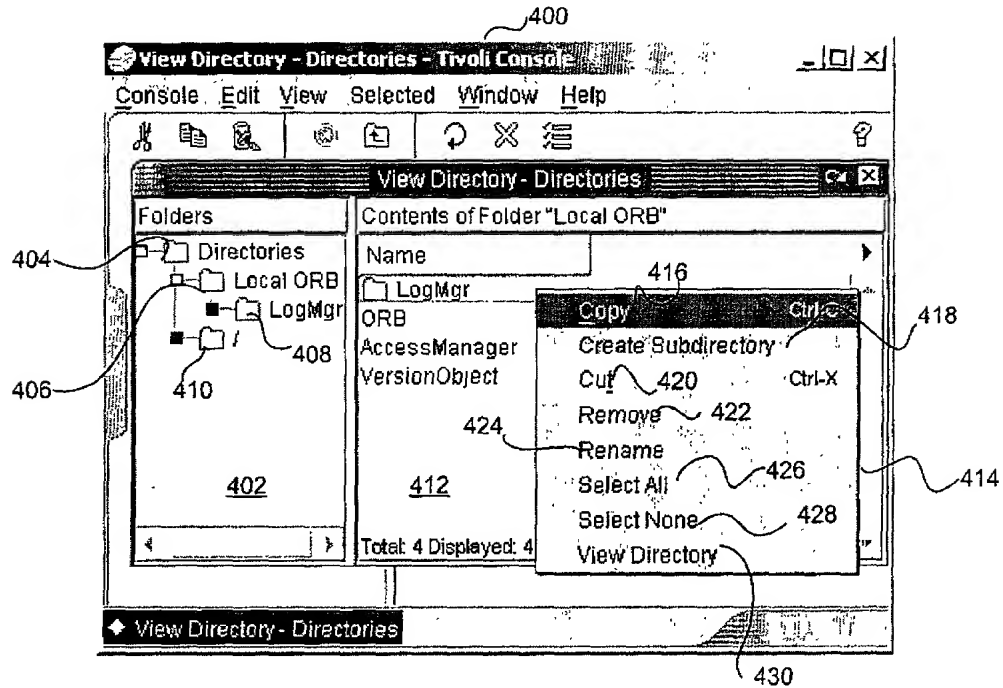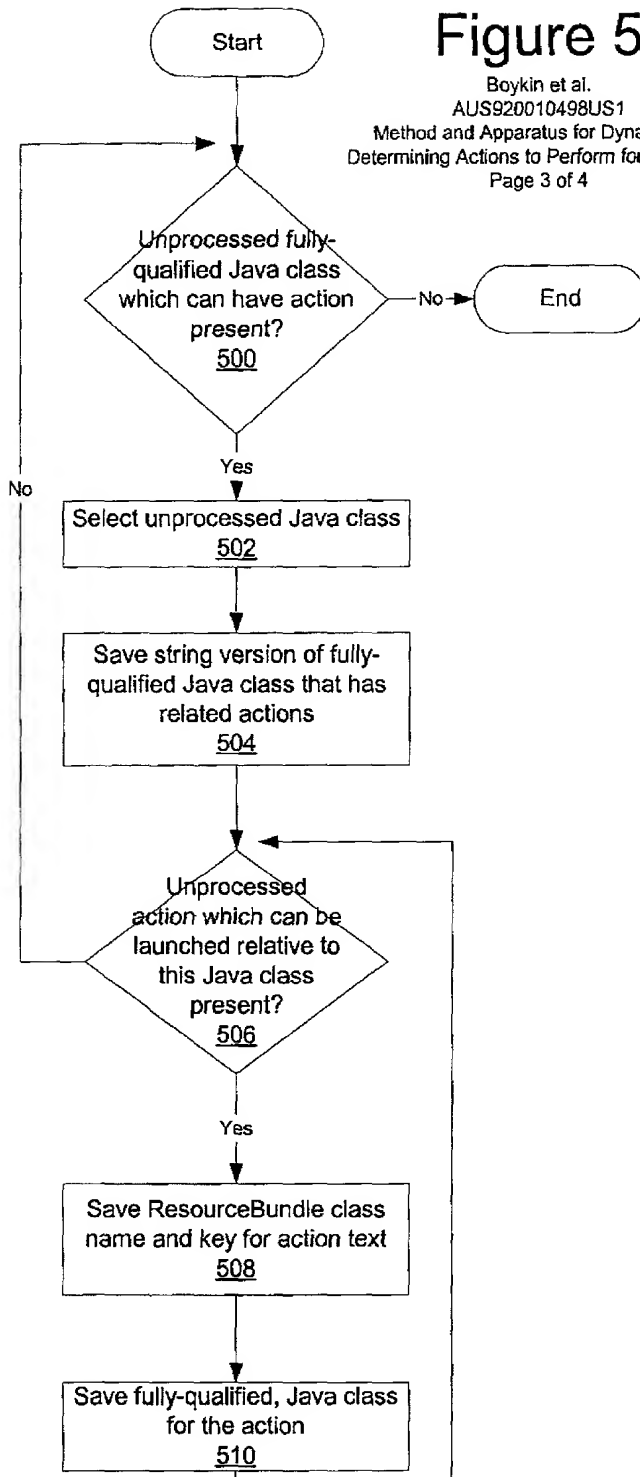
Figure 5

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Start

Unprocessed fully-qualified Java class which can have action present?
500

No → End

Yes

Select unprocessed Java class
502

Save string version of fully-qualified Java class that has related actions
504

Unprocessed action which can be launched relative to this Java class present?
506

No

Yes

Save ResourceBundle class name and key for action text
508

Save fully-qualified, Java class for the action
510

Figure 6

Start

Java object is passed in from an application from a source
600

Create empty collection for popup menu items
602

Retrieve Java object's class
604

Add to pop-up menu items collection for Java class
606

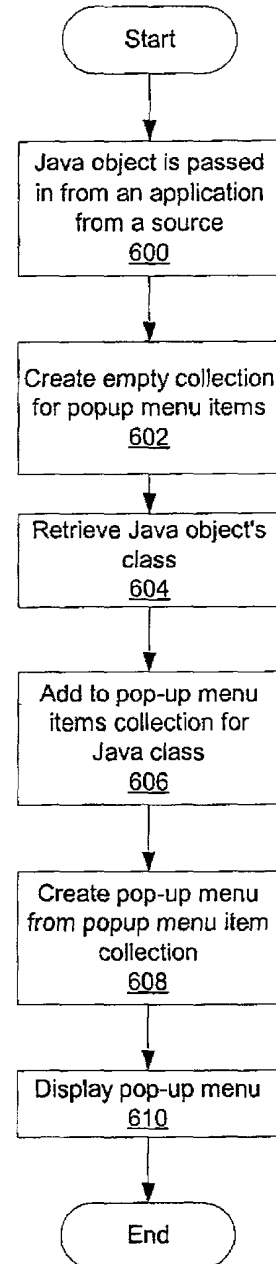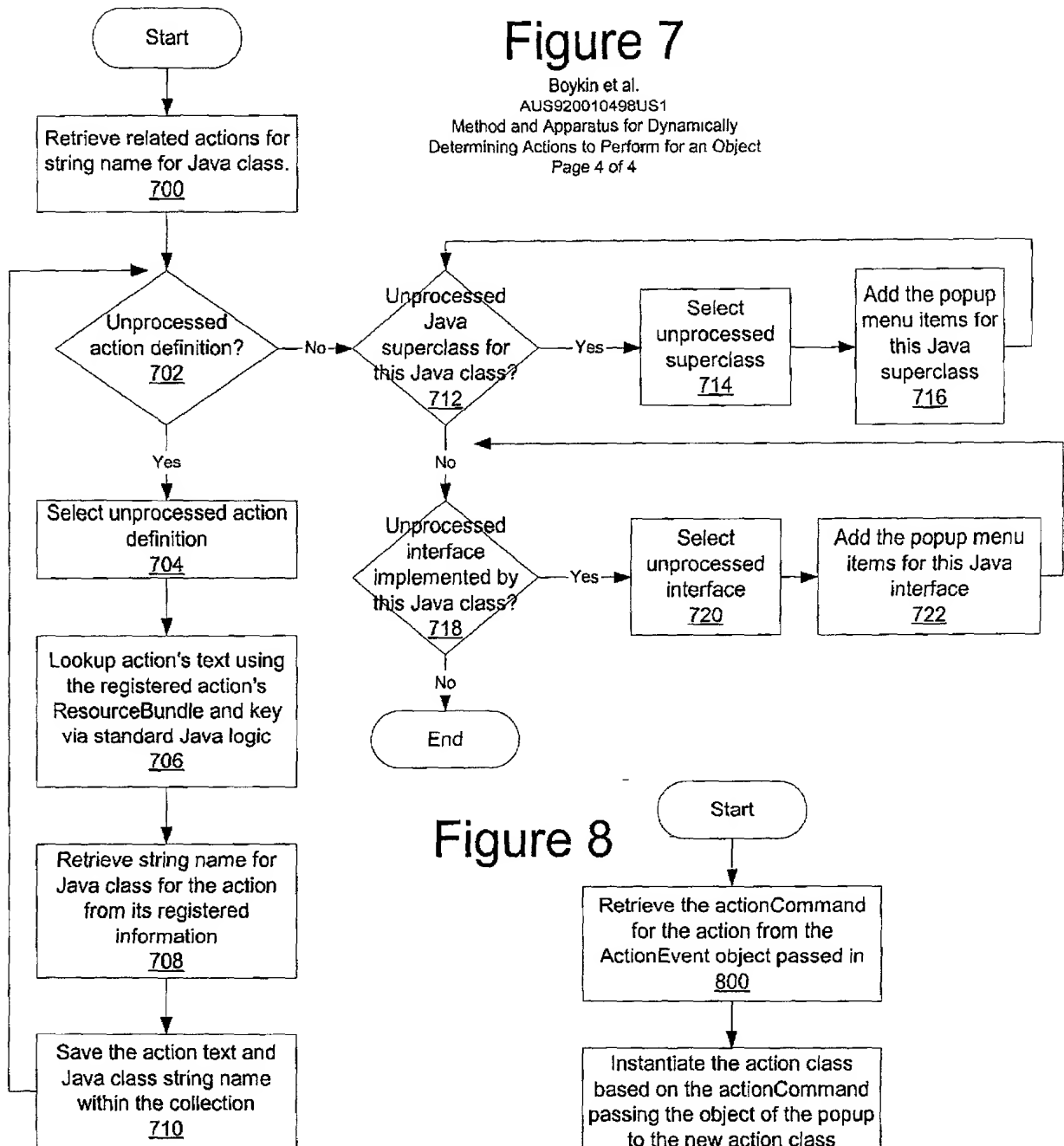Create pop-up menu from popup menu item collection
608

Display pop-up menu
610

End

Figure 7

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(Start)

↓

Retrieve related actions for
string name for Java class.
700

↓

◇ Unprocessed
action definition?
702 ◇ —No→ ◇ Unprocessed
Java
superclass for
this Java class?
712 ◇ —Yes→ Select
unprocessed
superclass
714 → Add the popup
menu items for
this Java
superclass
716

702: Yes ↓   712: No ↓

Select unprocessed action
definition
704

◇ Unprocessed
interface
implemented by
this Java class?
718 ◇ —Yes→ Select
unprocessed
interface
720 → Add the popup menu
items for this Java
interface
722

↓   718: No ↓

Lookup action's text using
the registered action's
ResourceBundle and key
via standard Java logic
706

(End)

↓

Retrieve string name for
Java class for the action
from its registered
information
708

↓

Save the action text and
Java class string name
within the collection
710

Figure 8

(Start)

↓

Retrieve the actionCommand
for the action from the
ActionEvent object passed in
800

↓

Instantiate the action class
based on the actionCommand
passing the object of the popup
to the new action class
802

↓

Action class executes
804

↓

(End)